

CLAIMS

What is claimed is:

- 1) A computing system, comprising:
 - a docking station having a base and a carrier attached to the base; and
 - an electronic display removably connectable to the carrier and comprising a front surface with a screen and a back surface with a support mechanism moveable between an open position and a closed position, wherein the support mechanism is adapted to elevate one side of the display in the open position and absorb shock in the closed position.
- 2) The computing system of claim 1 wherein the support mechanism comprises a foot, and the back surface comprises a recess adapted to receive the foot in the closed position.
- 3) The computing system of claim 2 wherein the foot is flush with the back surface in the closed position.
- 4) The computing system of claim 1 wherein the support mechanism comprises a foot with one end pivotally connected to the display such that the foot is adapted to rotate and extend downwardly from the back surface and provide a support for the display in the open position.
- 5) The computing system of claim 4 wherein the support mechanism further comprises a bumper to prevent rotation of the foot.
- 6) The computing system of claim 4 wherein the support mechanism further comprises a bumper to abut against the foot in the open position and absorb force transmitted from the foot to the bumper.
- 7) The computing system of claim 4 wherein the support mechanism further comprises a resilient bumper adjacent the foot.
- 8) A portable computer, comprising:
 - a base having a central processing unit and memory;
 - a display electrically coupled to the base; and
 - a support mechanism connected to the base and comprising a resilient bumper and a foot moveable between open and closed positions, wherein the foot supports the base in the open position.
- 9) The portable computer of claim 8 wherein the bumper is adjacent the foot and is adapted to compress when the foot exerts force against the bumper.
- 10) The portable computer of claim 8 wherein the bumper is adjacent the foot and provides a stop mechanism for rotation of the foot.

- 11) The portable computer of claim 10 wherein the bumper absorbed shock from the foot.
- 12) The portable computer of claim 8 wherein the support mechanism provides tactile feedback to a user to alert the user of potential breakage of the foot.
- 13) A method, comprising:
 - elevating one side of a computer above a support surface with a support mechanism while an opposite side of the computer rests against the support surface; and
 - absorbing force applied to the computer to prevent the support mechanism from breaking.
- 14) The method of claim 13 wherein absorbing force further comprises transmitting force to a resilient bumper.
- 15) The method of claim 13 wherein absorbing force further comprises providing a user with tactile feedback to indicate potential damage to the support mechanism.
- 16) The method of claim 15 wherein providing a user with tactile feedback further comprises providing detectable movement of the support mechanism.
- 17) The method of claim 13 further comprising:
 - pivotally moving the support mechanism from a closed position to an open position;
 - resiliently stopping movement of the support mechanism before the support mechanism is damaged.
- 18) A computer, comprising:
 - a display with a processor, memory, screen on a front surface, and support mechanism on a back surface, wherein the support mechanism comprises a means for elevating one side of the display from a support surface while an opposite side of the display remains against the support surface and a means for absorbing force transmitted to the display.
- 19) The computing system of claim 18 wherein the means for absorbing force prevents damage to the means for elevating.
- 20) The computing system of claim 18 wherein the means for elevating is rotationally moveable between a closed position being flush with the display and an open position being extended from the display.